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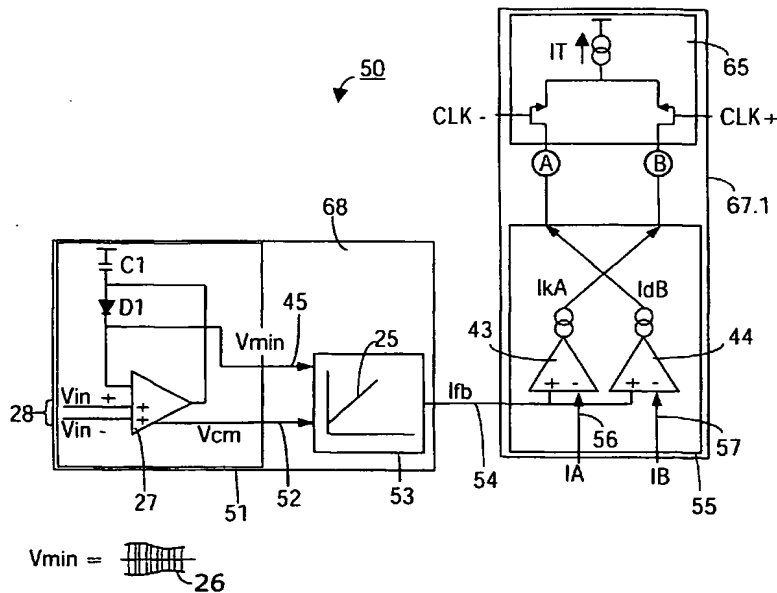
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(54) Title: ADAPTIVE HYSTERESIS FOR REDUCED SWING SIGNALLING CIRCUITS



(57) Abstract: Apparatus (50) for processing a differential input signal. The apparatus (50) comprises a minimum peak detector (51) with a differential input (28). The peak detector (51) provides a first voltage being proportional to an average voltage peak at the peak detector's differential input (28). A compressor (53) is provided for processing the first voltage in order to provide a second voltage. The compressor (53) is followed by a voltage controllable current source providing a trim current that is adjustable by the second voltage. A hysteresis equipped circuit (67.1) whose hysteresis characteristics are adjustable by the trim current is part of the apparatus (50).

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